

X2.35

Professional Power Amplifier

VAL audio

Die Liebe zur Musik



When you require an amplifier that seamlessly combines immense power, rich tonal warmth, and unparalleled versatility, the VAL Audio X Series stands unrivaled. Designed to excel in both touring and fixed installations, the X2.35 embodies the pinnacle of the X Series' legacy of performance and reliability, encased in a sleek, modern 2U chassis.

The X2.35 is a groundbreaking two-channel Class D amplifier, enhanced by a rugged high-current Toroidal power supply. This innovative combination harnesses the efficiency and advanced features of modern Class D technology while delivering the sonic clarity and robust power output traditionally associated with high-current Toroidal PSU designs. With a formidable output of 2 x 2000W at 8Ω and 2 x 3500W at 4Ω, the X2.35 is meticulously crafted to drive high-power subwoofers with ease. Its high damping factor of ≥ 1000 ensures unmatched speaker control, producing deep, accurate bass and crystal-clear sound reproduction.

Reliability is at the core of the X2.35's design. An advanced cooling system, featuring high-speed, temperature-regulated fans, guarantees consistent performance and optimal heat management, even during extended operation. The amplifier is equipped with premium XLR inputs, including a convenient link feature, and versatile speakon outputs, ensuring effortless connectivity for any professional setup.

Whether for live performances, houses of worship, or permanent installations, the VAL Audio X2.35 delivers uncompromising performance, industry-leading sound quality, and dependable operation. Experience the future of amplification with the X Series - where innovation meets excellence.

KEY FEATURES

- **Sleek and Modern 2U design with an elegant professional appearance**
- **Designed for both touring and fixed installations**
- **Exceptional power output perfect for driving high-power subwoofers with ease**
- **Digital Class D Technology with High-Current Toroidal Power Supply**
- **Multiple input sensitivity options: 29dB/32dB/35dB/38dB**
- **High Damping Factor ≥ 1000 , ensuring precise loudspeaker control for tight, accurate bass and superior sound clarity**
- **Advanced Cooling System, Featuring high-speed, temperature-controlled fans for consistent performance and effective heat dissipation during extended use**
- **Premium Connectivity Options. Includes high-quality XLR inputs with a link feature and versatile speakon outputs for seamless integration into professional setups**

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APPLICATIONS

- **Live Performances & Touring:** Provides powerful, reliable sound for concerts, stage performances, and events.
- **Houses of Worship:** Delivers clear and consistent audio for sermons, music, and large congregations.
- **Theaters & Auditoriums:** Ensures high-fidelity sound for dramatic performances, presentations, and speeches.
- **Nightclubs & Entertainment Venues:** Offers robust audio output for vibrant, dynamic soundscapes.
- **Corporate Events & Conferencing:** Facilitates high-quality audio for presentations, meetings, and conferences.
- **Fixed Installations:** Ideal for schools, lecture halls, stadiums, and other permanent setups requiring professional-grade audio amplification.

SPECIFICATION

MODEL	X2.35
Power (*EIA Standard)	
8Ω Output	2 x 2000W
4Ω Output	2 x 3500W
Bridged 8Ω Output	6000W
Output Circuit	Class D
Frequency Response (±1dB)	10Hz – 30kHz
Input Sensitivity	29dB/32dB/35dB/38dB
Input Impedance	Balanced 20KΩ Unbalanced 10KΩ
Crosstalk (rated power 8Ω 1kHz)	≥65dB
Signal to Noise Ratio	≥101dB
Damping Factor	≥1000
Total Harmonic Distortion (8Ω 1/10 Po)	<0.1%
Rack space	2U
Cooling System	Temperature controlled high speed fans
Protection	Comprehensive protection circuitry - Soft-Start, Short-Circuit, Over and Under-Voltage, Over-Current, Over-Load, DC Output, Temperature
Net Weight (Kg)	20.35
Size (mm)	485 x 375 x 88